

**CIRCUIT ARRANGEMENT FOR THE ACTUATION OF AN
ELECTRIC-MOTOR DRIVE, IN PARTICULAR A PUMP DRIVE,
IN A LARGE DOMESTIC APPLIANCE**

ABSTRACT OF THE DISCLOSURE

A large domestic appliance has main and auxiliary drives (17, 24) thereof supplied from the same dc voltage intermediate circuit (19) which is provided only once, by way of change-over switch sets (12), by half-bridge circuits (21, 21'). For that purpose a frequency converter (15) with its bridge circuit (21) for the main drive (17) is switched over in single-pole or multiple mode to the rotary field motor (23, 25) of the auxiliary drive (24) by way of a change-over switch set (12) connected in its output-side motor lines (13); or in the frequency converter (15) two half-bridge circuits (21, 211) which are associated with the main and the auxiliary drives (17, 24) are operated in parallel from the dc voltage intermediate circuit (19).